

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4509	((442/301) or (428/364, 428/365, 428/367)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 11:23
S2	2470	S1 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 11:23
S3	1237	S2 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 11:24
S4	108	S3 and (isotropic, isotropy, isotropism, isotropous)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 11:25
S5	78	S4 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 11:26
S11	4509	((442/301) or (428/364, 428/365, 428/367)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:49
S12	2470	S11 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:49
S13	1237	S12 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:49
S14	108	S13 and (isotropic, isotropy, isotropism, isotropous)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:49
S15	78	S14 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:49
S16	90	S14 and (dissolve, dissolving, remove, removing, dissolved, removed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:51
S17	39	S16 and (dissolve, dissolving)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:51
S18	25	S17 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:51
S19	25	S18 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:55
S20	8	S19 and (carbon near3 fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:55
S21	32	(isotropic) and (carbon near3 fiber, carbon near3 fibre) and (spun near3 yarn) and (dissolving, dissolved, dissolve) and (polymer near3 fiber, polymer near3 fibre)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:08
S22	32	S21 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:08
S23	32	S22 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:08

S24	50	("20070190883" "20080152906" "20070145620" "20050142346" "4520623" "6051313" "4559862" "4728395" RE34162 "5858511" "7364794" "20030074879" "20040157965" "20080283516" "20080307765" "4643931" "4823545" "4729215" "6875314" "20010053646" "20020150756" "4569192" "4812271" "5227072" "5469696" "20030131578" "20030136099" "20030159423" "20040048064" "20090053957" "7083771" "20060147368" "4756714" "4472265" "4504455" "3596458" "3597911" "3601969" "3625811" "3626441" "3678675" "3688487" "3741260" "3782089" "3789461" "3810352" "3831368" "3858385" "3859779" "3865678" ). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:19
S25	28	S24 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:19
S26	28	S25 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:19
S27	11	S26 and (isotropic, isotropy, isotropism, isotropous)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:19
S28	9	S27 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:20
S29	13161	(spun near3 yarn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:25
S30	8928	S29 and (dissolve, dissolving, remove, removing, dissolved, removed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:25
S31	6610	S30 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:25
S32	384	S31 and (pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:26
S33	13	S32 and (sizing near3 agent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:26
S34	1	S33 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:26
S35	22	S32 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:27
S36	15725	(isotropic)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:30
S37	331	S36 and (fabric, weaving, weave, woven)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:30
S39	30	S37 and (spun near3 yarn, spinning, spun, spin)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:31
S40	6	S39 and (dissolve, dissolving, remove, removing, dissolved, removed)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:32

S42	1	ep-489637-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:44
S46	5881	(428/378, 428/395, 428/364, 428/359).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:51
S47	201	S46 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:51
S48	68	S47 and (carbon near3 fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:51
S50	39	S48 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:52
S51	27	S50 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:52
S52	20	S51 and (dissolve, dissolving, remove, removing, dissolved, removed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:52
S53	30	(US-20030207631-\$. or US- 20050025964-\$. or US- 20060234049-\$. or US- 20070190883-\$. or US- 20030035951-\$. or US- 20050142346-\$.).did. or (US- 4138525-\$. or US-4628001-\$. or US- 4014725-\$. or US-5188894-\$. or US- 4064305-\$. or US-4818612-\$. or US- 4977023-\$. or US-5202182-\$. or US- 5230960-\$. or US-5272004-\$. or US- 5277973-\$. or US-5576104-\$. or US- 5698324-\$. or US-5851668-\$. or US- 5910361-\$. or US-6159599-\$. or US- 6187434-\$. or US-6210798-\$. or US- 6268301-\$. or US-6800364-\$. or US- 6855422-\$. or US-6051313-\$.).did. or (US-3140265-\$.).did. or (EP- 489637-\$.).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/27 16:56
S54	23	S53 and (dissolve, dissolving, remove, removing, dissolved, removed)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:56
S55	23	S54 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:57
S56	23	S55 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:57
S57	23	S56 and (isotropic, isotropy, isotropism, isotropous)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:57
S58	23	S57 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:57
S59	11	S58 and (pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:57
S60	1	("5228175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 17:57

S61	31	(US-20030207631-\$ or US-20050025964-\$ or US-20060234049-\$ or US-20070190883-\$ or US-20030035951-\$ or US-20050142346-\$).did. or (US-4138525-\$ or US-4628001-\$ or US-4014725-\$ or US-5188894-\$ or US-4064305-\$ or US-4818612-\$ or US-4977023-\$ or US-5202182-\$ or US-5230960-\$ or US-5272004-\$ or US-5277973-\$ or US-5576104-\$ or US-5698324-\$ or US-5851668-\$ or US-5910361-\$ or US-6159599-\$ or US-6187434-\$ or US-6210798-\$ or US-6268301-\$ or US-6800364-\$ or US-6855422-\$ or US-6051313-\$ or US-5228175-\$).did. or (US-3140265-\$).did. or (EP-489637-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/28 09:25
S62	28	S61 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:25
S63	4	S62 and (sizing near3 agent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:25
S64	13	(isotropic near3 pitch) and (sizing near3 agent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:39
S65	2	((("6023926") or ("7402217"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 09:58
S66	1	("4495758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 10:03
S67	1	("6051313").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 10:09
S68	12142	((428/371, 428/373, 428/374, 428/408) or (156/148, 156/151, 156/229, 156/276) or (57/3, 57/5, 57/9, 57/10, 57/11, 57/13)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:20
S69	44	S68 and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:20
S70	33	S69 and (twisting near3 direction, direction, twist, twisted, twisting)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:22
S71	2	(vinylon near3 fiber) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:52
S72	10	(vinylon) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:52
S73	8	(water-soluble near3 polymer) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:03
S74	16	(soluble near3 polymer) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:06
S75	8	S74 not S73	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:07

S76	0	(Polyvinylpyrrolidone, PNVP, PVP, povidone, polyvidone, polyvinylpolypyrrolidone, PVPP, crospovidone) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:13
S77	55	(Polyvinylpyrrolidone, PNVP, PVP, povidone, polyvidone, polyvinylpolypyrrolidone, PVPP, crospovidone) and (carbon near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:13
S78	4	S77 and (sizing near3 agent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:14
S79	174	(Polyvinylpyrrolidone, PNVP, PVP, povidone, polyvidone, polyvinylpolypyrrolidone, PVPP, crospovidone) near3 (fiber, fibre)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:18
S80	21	S79 and (carbon near fiber, carbon near3 fibre)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:20
S81	6	(abundance near3 ratio) and (isotropic near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:58
S82	10	(abundance near3 ratio) and (carbon near3 pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:00
S83	42	((AKIRA) near2 (TAKEUCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:07
S84	101	((TATSUO) near2 (KOBAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:07
S85	142	S83 or S84	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:07
S86	1	S85 and (abundance near3 ratio)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:07
S87	1	S85 and (water-soluble near3 polymer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:08
S88	10	S85 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:08
S89	15725	(isotropic)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 12:09
S90	454	S89 and (isotropic near3 pitch)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 12:10
S91	187	S90 and (spun near3 yarn, spinning, spun, spin)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 12:11
S92	7	S91 and (fabric, weaving, weave, woven)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 12:11
S93	6	((("4986893") or ("4620919") or ("4209500") or ("7150837") or ("4879170") or ("5356574"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 12:22
S94	6	S93 and (isotropic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:22
S95	6	S94 and (spun near3 yarn, spinning, spun, spin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:22
S96	3	S95 and (fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 12:22

S97	3	((("5030435") or ("4759977") or ("6585842"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 13:30
S98	37	(US-20030207631-\$ or US-20050025964-\$ or US-20060234049-\$ or US-20070190883-\$ or US-20030035951-\$ or US-20050142346-\$).did. or (US-4138525-\$ or US-4628001-\$ or US-4014725-\$ or US-5188894-\$ or US-4064305-\$ or US-4818612-\$ or US-4977023-\$ or US-5230960-\$ or US-5277973-\$ or US-5576104-\$ or US-5910361-\$ or US-6187434-\$ or US-6210798-\$ or US-6268301-\$ or US-6800364-\$ or US-6855422-\$ or US-6051313-\$ or US-5228175-\$ or US-7402217-\$ or US-6023926-\$ or US-5952249-\$ or US-4759977-\$ or US-6228786-\$ or US-6585842-\$ or US-4552329-\$ or US-4489129-\$).did. or (US-4879170-\$ or US-5356574-\$ or US-5030435-\$).did. or (US-3140265-\$).did. or (EP-489637-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/28 13:33
S99	36	S98 and (Polyvinylpyrrolidone, PNVP, PVP, povidone, polyvidone, polyvinylpolypyrrolidone, PVPP, crospovidone, fiber, fibre, isotropic, sizing near3 agent, twisting near3 direction, direction, twist, twisted, twisting, carbon near fiber, carbon near3 fibre, abundance near3 ratio, spun near3 yarn, spinning, spun, spin, pitch, diameter, length, fabric, weaving, weave, woven)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 13:33

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